

PHYSICS and ASTRONOMY
Astrophysics Option BS (123 hours) Effective 2012-2013

NAME	PID	Optional 2 nd Major or Minor
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FOUNDATIONS

English Comp. and Rhetoric	Foreign Language* HSFL(s)	Quant. Reas. (QR)	Lifetime Fitness (LFIT)
	1.	3.	(1 hr.)
	2.	4.	

*Recommended: ENGL 105 (Natural Sciences)

** Through Level 3

APPROACHES

Phys. and Life Sciences (PL/PX)	Social and Behavioral Sciences *	Humanities/Fine Arts
PHYS 116 (#)	Hist. Analysis (HS):	Vis. & Perf. Arts (VP):
PHYS 117 (#)	Soc. Sci./Hist. Analysis (SS/HS):	Literary Arts (LA):
	Soc. Sci./Hist. Analysis (SS/HS):	Phil. Reasoning (PH):

* From at least two departments

CONNECTIONS

Communication Int. (CI)	Quant. Int. (QI) or 2 nd Quant. Reas. (QR)	Experiential Ed. (EE)	Global Issues (GL)
	MATH 232 (#)		
US Diversity (US)	North Atlantic World (NA)	World before 1750 (WB)	Beyond the NA (BN)

MAJOR/MINOR/ELECTIVES

Other Requirements	PHYSICS ♦ Core Requirements (13 courses)				
ASTR 102(#) †	MATH 528	PHYS 341			
ASTR 301(#)	MATH 529	PHYS 351 (#)			
MATH 231(#)	PHYS 301 (#)	PHYS 521			
MATH 232(#)	PHYS 311	ASTR 519			
MATH 233(#)	PHYS 312				
MATH 383(#)	PHYS 321	♦♦			
CHEM 101					
CHEM 101L(#)	PHYS 331 (4) (#) (with project on an astrophysics topic)	♦♦			
PHYS 116(#)					
PHYS 117(#)					
PHYS 128(♯) PHYS 128L(#)	† Prerequisite for ASTR 102 is ASTR 101 CHEM 102 and 102L are recommended but not required.				

(#) These courses should be taken prior to the Junior year. Consult the suggested course of study.

♦ 18 hours of C or higher grades (not C-) required in PHYS core requirements (this excludes MATH 528 & 529). Substitutions for required physics courses require approval of the Director of Undergraduate Studies. See also Undergraduate Bulletin for possible substitutions.

♦♦ Two courses from ASTR 501, 502, 503, 505.

Date/Advisor:			
Remaining courses after this term:	Hours to be deducted:	Hours Tally:	Notes:
____ Foundations _____	Repeated courses _____	Hours to date: _____	
____ Approaches _____	HSFL _____	Hours in progress*: _____	
____ Connections _____	Online courses > 24 _____	Subtotal _____	
____ Supplemental _____	Online in Major/minor > 6 _____	Hours deducted _____	
____ (hrs C____) _____	Professional School > 24 _____	Hours after this term _____	
____ (hrs C____) _____	Hours in subject (BA) > 4 5 _____	Hours remaining to grad _____	
____ (hrs C____) _____	Total _____	Semesters left _____	
____ Requirements subtotal _____			
____ Total _____			
		*Include pending study abroad hours	

This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps